Author Index Volume 71 (1992)

Aki, Y., 151
Alamelu, S., 161
Ankleshwaria, B.V., 201
Ashworth, A.J., 169
Assogna, A., 97

Baker, R., 175
Baltus, R.E., 247
Bargeman, D., 57
Bell, G., 139
Bromberg, L., 41

Cuperus, F.P., 57

Dalvie, S.K., 247
Denault, L., 221
Desai, N.V., 201

Furusaki, S., 1

Garg, D.K., 201
Gavach, C., 181

Halling, P.J., 139
Haraya, K., 13
Hirai, T., 151
Houde, A.Y., 117
Houi, D., 29
Huang, R.Y.M., 211
Hwang, S.-T., 13

Ishigaki, I., 1
Iyer, R.M., 69

Kasting, G.B., 257
Kedem, O., 41
Keister, J.C., 257
Kiyono, R., 151
Koros, W.J., 81
Kulkarni, M.G., 117
Kulkarni, S.S., 117

Levin, G., 41
Liang, L., 129

Maletzki, F., 105
Mehta, M.H., 201
Mohan, H., 69

Nakagaki, M., 189
Nandan, D., 69

Panduranga Rao, K., 161
Perego, G., 97
Pinnau, I., 81

Rangarajan, R., 201
Rao, A.V., 201
Rhim, J.-W., 211
Roggero, A., 97
Rösler, H.-W., 105

Saito, K., 1
Schmitz, P., 29
Siali, M., 181
Sisto, R., 97
Smolders, C.A., 57
Staude, E., 105
Sugo, T., 1

Takagi, R., 189
Tasaka, M., 151
Tsuneda, S., 1

Vaidya, A.M., 139
Valentini, C., 97
Vilhena, M.T.d., 51

Wandelt, B., 29

Ying, S., 129

Zeman, L., 221, 233

Subject Index Volume 71 (1992)

active pore size, 57
anisotropic membrane, 51

biological membranes, 257
block copolymer, 129
breakthrough, 139

carrier, 41
cation-exchange membranes, 105, 181
ceramic membranes, 247
charge-mosaic membrane, 129
chitosan gel, 161
collagen gel, 161
composite membranes, 169, 201
concentration-polarization, 105
controlled release, 161
convective-diffusion equation, 51
crossflow, 29
current-noise, 105

defect-free skin layers, 81
di(2-ethylhexyl)dithiophosphoric acid, 41
diethylamino groups, 1
diffusion, 247
drug permeability, 257

electrochemistry, 151, 189, 257
electroconvection, 105
electrodialysis, 181
electrodiffusion, 257
electron microscopy, 221, 233
enzymatic synthesis, 139

free volume, 97
free volume theory, 13

gas and vapour permeation, 117
gas permeation, 169
gas separations, 97, 117, 169
gels, 41
glassy polymers, 117

hollow fiber membranes, 1
hydrodynamics, 29

image analysis, 221, 233
inorganic membranes, 247
integrally-skinned asymmetric membranes, 81
ion adsorption, 189
ion-exchange membranes, 69, 129, 151
iontophoresis, 257

liposomes, 161

membrane potentials, 189
membrane preparation and structure, 129, 221, 233, 247
membrane bioreactor, 139
membrane structure, 81, 97
membrane transport, 201
metal transport, 41
methanol/water fractionation, 69
microfiltration, 1, 29, 221, 233
microporous and porous membranes, 221, 233, 247

Nafion-117, 69
nylon-6/PAA blended membranes, 211

osmosis, 151
overlimiting current, 105

particle trajectory, 29
permeation, 13
permporometry, 57
permselectivity, 181
pervaporation, 211
phase inversion processes, 81
piezodialysis, 129
plasticization, 117
polysulfone, 81
pore level, 29
pore size distribution, 57
pressure retarded osmosis, 51
pure water flux, 1

quench medium, 81

radiation-induced graft polymerization, 1
reverse osmosis, 201

separation of methanol/pentane mixtures, 211
separation of oxygen/argon mixtures, 13
silyl-PPO, 97
skin, 257
sorption, 181
supported liquid membranes, 41
surfactant–membrane interaction, 139

theory, 139, 169, 189, 257
thermodynamics, 151
thermoosmosis, 151
two-phase biocatalysis, 139

ultrafiltration, 57, 189